



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3518-3**Job Sheet 187869****Part No:** D3518-3**Job Qty:** 20 pcs**Part Name:** Ball Joint End**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 12/18/18**Job Tracking No:****Due Date:** 12/20/18**Created By:** Chantal Lavoie**Type:** Stock**Description:****Note:** DWG REV B IPP Rev:A New Issue 06-11-22 JLM IPP rev B rev b dwg 07.04.09 EC**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	20 pcs	12/20/18	12/20/18	0.00	0.00	Purchasing - 1	DEC 18 2018	
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	20 pcs	12/20/18	12/20/18	0.00	0.00	Packaging 2 - 1 - B4B	DEC 18 2018	
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 -		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S138939**Part:** D3518-3**Job No:** 187869**Serial No/Batch:** S138939**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's

Date: 12/19/18

Plex 12/18/18 2:43 PM dart.lavoie.chanta

DEC 11 2010

DEC 11 2010

					B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
120 QC 6	20 pcs	12/20/18	0.00	0.00	QC 6 - 38	DAS 38
					QC 6 - 42	9-89
					QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
130 Packaging 3-1 - Stock - B4B	20 pcs	12/20/18	0.00	0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	DAS 9-89 DEC 19 2018
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	

1888 10 21 - 5

	Packaging 3 - 19 - B4B	
	Packaging 3 - 20 - B4B	
	Packaging 3 - 21 - B4B	
	Packaging 3 - 22 - B4B	
	Packaging 3 - 23 - B4B	
	Packaging 3 - 24 - B4B	
	Packaging 3 - 25 - B4B	
	Packaging 3 - 26 - B4B	
	Packaging 3 - 27 - B4B	
	Packaging 3 - 28 - B4B	
	Packaging 3 - 29 - B4B	
	Packaging 3 - 30 - B4B	
	Packaging 3 - 31 - B4B	
	Packaging 3 - 32 - B4B	
	Packaging 3 - 33 - B4B	
	Packaging 3 - 34 - B4B	
	Packaging 3 - 35 - B4B	

140 QC 21 - SA 20 12/20/18 0.00 0.00
pcs

QC 21 - SA - 21

DAS
21

DEC 19 2018

Part Op 100 - Issue P/O: 12095 Purchase Part Number: 2458K14 Supplier: Mc Master Carr Certificate of conformity is
Descriptions: required

- 110 - (Receive & Inspect for Damage & Mat'l Certs)
120 - (QC6- All purchased or subcontracted products)
130 - (Identify as per dwg & Stock Location: _____)
140 - (QC21- Final Inspection - Work Order Release)

DEC 18 2018

K20

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
2458K14	Ball Joint Rod End	20 Ea (1 ea)	100-Purchasing	5138935

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	2458K14	20	0	0

Part Specifications

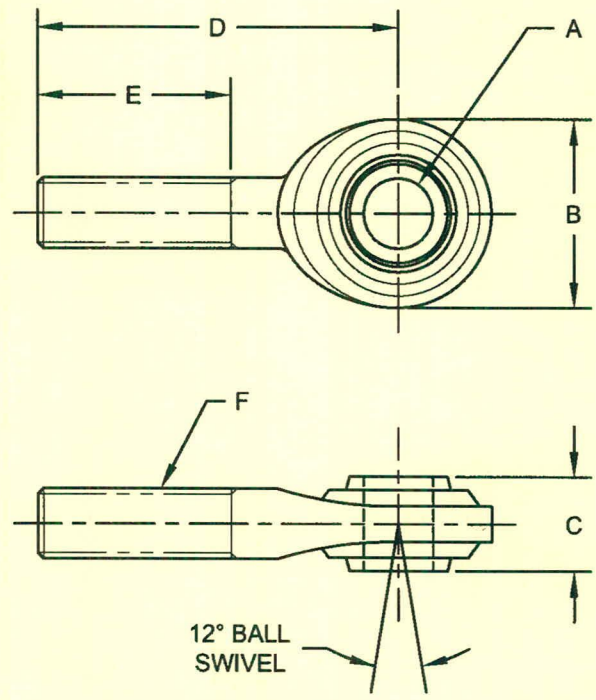
Specifications could not be found.

Plex 12/18/18 2:43 PM dart.lavoie.chantal



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3518	REV. B SHEET 3 OF 3
DATE 06.10.23		TITLE BASKET (A119) STRUT	SCALE 1:1

SPECIFICATION CONTROL DRAWING



DART P/N	A	B	C	D	E	F	LOAD*	POSSIBLE SUPPLIER
D3518-3	0.375	1.00	0.50	1.938	1.25	3/8-24 UNF, RH	4012	McMASTER-CARR, P/N 2458K14

* Indicated load is Static Radial Load Capacity in lbs

NOTES:

- 1) TYPE: MALE THREADED SHANK CARBON-FIBER-REINFORCED PLASTIC RACE BALL JOINT ROD END
- 2) MATERIAL: ZINC PLATED STEEL HOUSING BALL WITH PTFE LUBRICATED CARBON-FIBER-REINFORCED PLASTIC RACE.
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

X20 Right

RELEASED
06.11.17 *[Signature]*

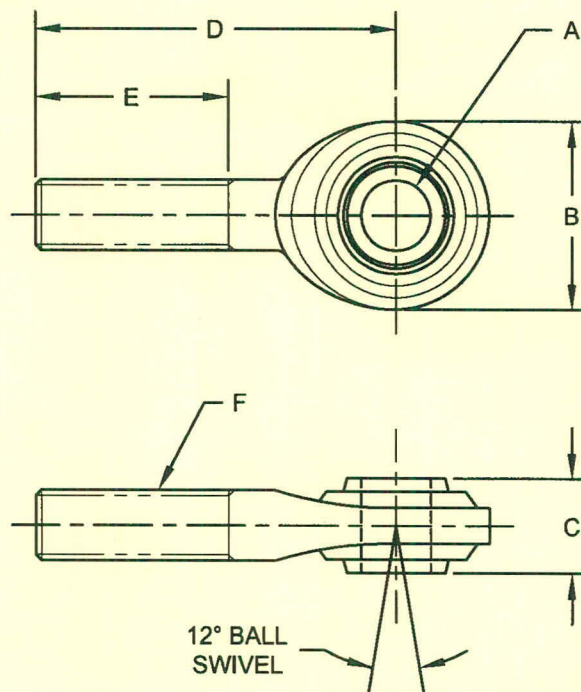
Copyright © 2006 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED PH	APPROVED <i>[Signature]</i>	DRAWING NO. D3518	REV. B SHEET 3 OF 3
DATE 06.10.23		TITLE BASKET (A119) STRUT	SCALE 1:1

SPECIFICATION CONTROL DRAWING



DART P/N	A	B	C	D	E	F	LOAD*	POSSIBLE SUPPLIER
D3518-3	0.375	1.00	0.50	1.938	1.25	3/8-24 UNF, RH	4012	McMASTER-CARR, P/N 2458K14

* Indicated load is Static Radial Load Capacity in lbs

NOTES:

- 1) TYPE: MALE THREADED SHANK CARBON-FIBER-REINFORCED PLASTIC RACE BALL JOINT ROD END
- 2) MATERIAL: ZINC PLATED STEEL HOUSING BALL WITH PTFE LUBRICATED CARBON-FIBER-REINFORCED PLASTIC RACE.
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

RELEASED06.11.17 *[Signature]*

Copyright © 2006 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO042095**

Supplier: MCM001-VU
McMaster-Carr Supply Co.
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO042095

PO Date: 12/18/18

Due Date: 12/20/18

Purchase Order
Revision:

Revision Date:

Ship-To Contact: Phone:

E-MAILED
DEC 18 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		4.5NR-30	92196A317 50/PK	Solenoid Cover Screw	Firmed	-	12/20/18	50 Ea	0 Ea	50 Ea	\$0.1912/Ea	\$9.56
2	187869	2458K14	1/pk	Ball Joint Rod End	Firmed	-	12/20/18	20 Ea	0 Ea	20 Ea	\$5.67/Ea	\$113.40

Line Item Note RIGHT HAND DIRECTION

Grand Total: \$122.96

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/18/18 2:45 PM dart.lavoie.chantal



McMASTER-CARR®

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042095

Order Placed By
Chantal Lavoie

McMaster-Carr Number
5538386-01

Page 1 of 1

12/18/2018

Line	Product	Ordered	Shipped
1	92196A317 18-8 Stainless Steel Socket Head Screw, 1/4"-28 Thread Size, 1/2" Long, Packs of 50	1 Pack	1
2	2458K14 Lubrication-Free Ball Joint Rod End, 3/8"-24 Thread, Right-Hand	20 Each	20

DAC
38
9-89

